BS in Computer Science: 3-year plan - even year start

Milligan College

Catalog Year
2019-2020

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

Fall Semester 1 -even years

COURSE	TITLE	CREDITS
BIBL 123	Old Testament Survey	3
HUMN 101	Ancient & Medieval Cultures	4
MLGN 100	Intro to College & Service	0.5
IS 201	Hardware/Software Fundamentals	3
CS 211	Programming Logic	3
MATH 211	Calculus I	4
	TOTAL CREDITS	17.5

Spring Semester 2-odd years

COURSE	TITLE	CREDITS
BIBL 124	New Testament	3
COMP 111	Rhetorial Composition	3
IS 297	Object Oriented Programming -C#	3
COMM 102	Speech Communications	3
HUMN 102	Renaissance & Early Modern	4
EXSC 101	Fitness for Life	1
	TOTAL CREDITS	17

Summer I - odd years

COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cty. Culture	4
	Social Learning	3
	General Elective	3
	General Elective	1
	TOTAL CREDITS	11

Fall Semester 3 -odd years

COURSE	TITLE	CREDITS
CS 201	Computer Organization/Architecture	3
CS 287	Data Structures	3
	Computer Science Elective	3
MLGN 200	Intro to Calling & Career	0.5
	Lab Science	4
COMP 211	Found. Analytical Comp.	3
	General Elective	1
	TOTAL CREDITS	17.5

Spring Semester 4 - even years

COURSE	TITLE	CREDITS
CS 297	Object Oriented Programming -JAVA	3
IS 420	Networking & Communication	3
CS 301	Operating Systems	3
CS 340	Distributed Systems/Architecture	3
	General Elective	3
MATH 302	Discrete Mathematics	3
	TOTAL CREDITS	18

Summer II even years

COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Cty Cultures	4
	Ethnic Studies	3
	General Elective	3
	General Elective	1
	TOTAL CREDITS	11

Fall Semester 5 - even years

COURSE	TITLE	CREDITS
	Computer Science Elective	3
BIBL 471	Christ and Culture	3
	General Science	3
	General Elective	3
	General Elective	3
	General Elective	3
	TOTAL CREDITS	18

Spring Semester 6 - odd years

COURSE	TITLE	CREDITS
CS 350	Analysis of Algorithms	3
IS 430	Information Security	3
CS 450	Computer Science Design Capstone	3
	General Elective	3
	General Elective	3
	General Elective	3
	TOTAL CREDITS	18
	MINIMUM 128 NEEDED FOR GRAD	128

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HUMN 101	Ancient & Medieval Cultures	4
MLGN 100	Intro to College & Service	0.5
IS 201	Hardware/Software Fundamentals	3
CS 211	Programming Logic	3
MATH 211	Calculus I	4
	TOTAL CREDITS	17.5

Spring Semester 2-even years

COURSE	TITLE	CREDITS
BIBL 124	New Testament	3
COMP 111	Rhetorial Composition	3
IS 297	Object Oriented Programming -C#	3
MATH 302	Discrete Mathematics	3
HUMN 102	Renaissance & Early Modern	4
EXSC 101	Fitness for Life	1
	TOTAL CREDITS	17

Summer I - even years

COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cty. Culture	4
	Social Learning	3
	General Elective	3
	General Elective	1
	TOTAL CREDITS	11

Fall Semester 3 -even years

COURSE	TITLE	CREDITS
CS 201	Computer Organization/Architecture	3
CS 287	Data Structures	3
	Computer Science Elective	3
MLGN 200	Intro to Calling & Career	0.5
	Lab Science	4
COMP 211	Found. Analytical Comp.	3
	General Elective	1
	TOTAL CREDITS	17.5

Spring Semester 4 -odd years

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CS 297	Object Oriented Programming -JAVA	3
IS 420	Networking & Communication	3
CS 350	Analysis of Algorithms	3
IS 430	Information Security	3
COMM 102	Speech Communication	3
MATH 302	General Elective	3
	TOTAL CREDITS	18

Summer II odd years

COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Cty Cultures	4
	Ethnic Studies	3
	General Elective	3
	General Elective	1
	TOTAL CREDITS	11

Fall Semester 5 - odd years

COURSE	TITLE	CREDITS
	Computer Science Elective	3
BIBL 471	Christ and Culture	3
	General Science	3
	General Elective	3
	General Elective	3
	General Elective	3
	TOTAL CREDITS	18

Spring Semester 6 - even years

COURSE	TITLE	CREDITS
CS 301	Operating Systems	3
CS 340	Distributed Systems/Architecture	3
CS 450	Computer Science Design Capstone	3
	General Elective	3
	General Elective	3
	General Elective	3
	TOTAL CREDITS	18
	MINIMUM 128 NEEDED FOR GRAD	128